

Title (en)
Method and system for fitting a hearing aid

Title (de)
Verfahren und System zum Anpassen eines Hörgeräts

Title (fr)
Procédé et système de réglage d'une prothèse auditive

Publication
EP 1938658 B1 20100224 (EN)

Application
EP 05808074 A 20051017

Priority
EP 2005055305 W 20051017

Abstract (en)
[origin: WO2007045271A1] A method and system for fitting the gain of a hearing aid for a hearing impaired person is described. For at least one frequency band a loop gain of the hearing aid in the ear canal of the hearing impaired person is measured, an effective vent parameter such as a corresponding vent diameter for the hearing aid by determining a vent parameter that generates the best fit between a modelled and the measured loop gain is estimated, a vent effect value based on the estimated effective vent parameter is determined, and a corrected hearing aid gain is provided by means of the determined vent effect value.

IPC 8 full level
H04R 25/00 (2006.01)

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H04R 25/70 (2013.01 - EP US); **H04R 2460/11** (2013.01 - EP US)

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